

A Phage sequences

CQEDGNLQTC
 CQEDNKLGLC
 CTHAEDGTV
 CTEDGNLSTC
 CILSDMDGAC
 CQDDGLATFC
 CQEDNKLGLC
 CFEELNKLAC
 CQSDMDGDEC
 CQDDGNDGC
 CFTHHDLVLC
 CQVDSGKGC
 ADATHTVYGS
 CILSDMDGAC
 CFEELNKLAC
 KMP-2 (P08253) GDSHFDDSLMTLGGGQV
 KMP-9 (P14780) GDHAFDDDLHSLGKGVV
 KMP-1 (P03956) GDHAFDEEDRWTFSTH
 KMP-3 (P08254) GDHAFDDDEWTRDTGTN
 KMP-7 (P03237) GDHAFDEEWTDSSSLGI
 KMP-8 (P22834) GDHAFDAETWTFSTH
 KMP-13 (P45452) GDHAFDEDTWTSSSGKN
 KMP-14 (P50281) GDTFCDAEPKTVRLELN

Figure 1A

B

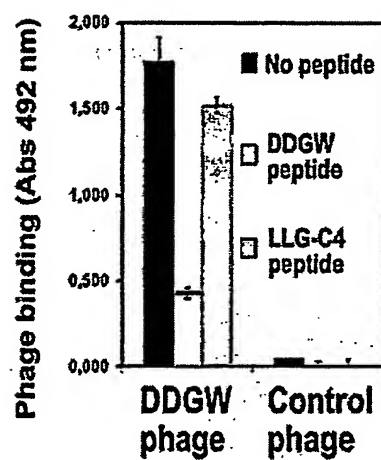


Figure 1B

2/16

Figure 1C

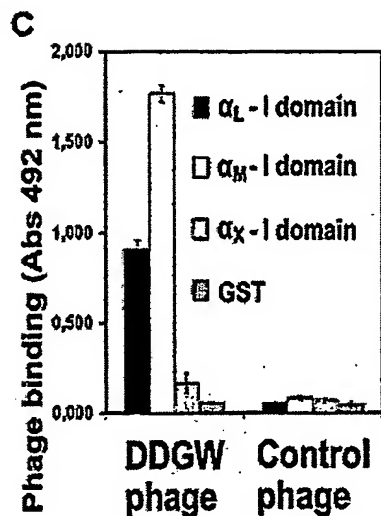
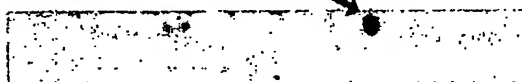


Figure 1D

D

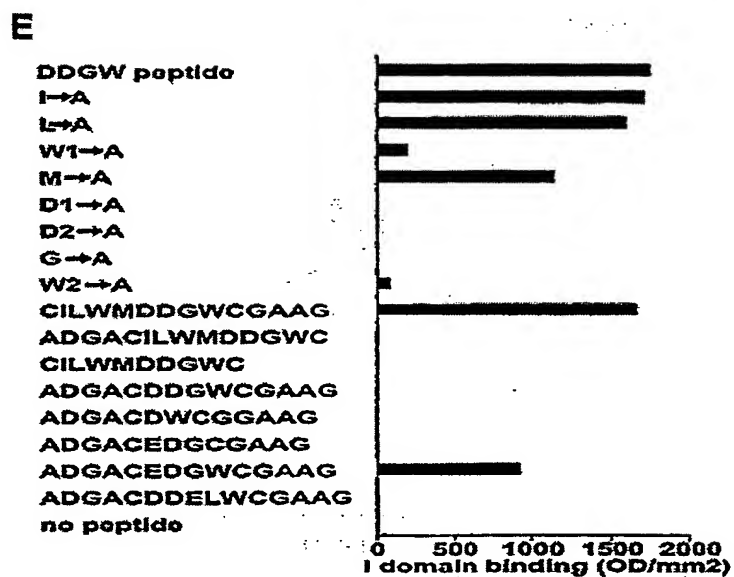
1. ISLWQPLVLYLVGGCFAA	23. STCTSEGRGGGRUYCATISH
2. APRQRSTLVLPGEIRTEL	24. TTSNFDSDKKLGFCPOGYS
3. TNLTDRLAEELYRYGVTR	25. QGYSULVAAEEFGHGLD
4. YTRVAEHRGSKSLGPALL	26. LGLEHSSVPEALUYFMYFT
5. LLLQKQLSLPETGELOSAT	27. YRFTEGPHKDDYNGRL
6. SAILKAKITPRCGVPLGRF	28. IRHLYGPRPEPEPRPTTTT
7. DLGFFQITFEGDLKVAHHSIT	29. TTTTPOPTAPPTVCPITGPT
8. HNDYHIONYSEDUPRAVID	30. GPPTYHPSERPTAGPTGPPS
9. AVDDAFARAFALVSAVPL	31. GPPSAGPTGPTAGPSTATT
10. VTPLETRVYSRDVAVQF	32. TATTVPLSPDDACHVCFD
11. YQFGVAEKDGYFFDGKDG	33. NFDVAEGNDLYLFKDG
12. GKDGLLAHFFPGCGQDA	34. KDGKYHVFSEGSGRPOGPF
13. CGDAHFDDDELWSLKGVVY	35. QGFLADKHPALPRVDSV
14. GAVNPIRFQNAAGACHPFF	36. LDSVFEEPLSKLFFSGRO
15. HFFPFEGRSYSACTTDGRS	37. SCRCYVWYTGASVLGPRFLD
16. DGRSQCLPYCSTTANYTDO	38. RRLDKLGLGADVAQVTCALR
17. DTDDRFGFCPSERLYTRDGN	39. GALSGRGKLVLLFSGRLIYR
18. RDGIADGKPCQFFPIFGQS	40. RLWRFDVKAQLVDFRSASEV
19. QGQSYSACTTDGRSDGYRWK	41. ASEVDRVFFGVFLDTHVFD
20. YRWCATTAHYDRKLFGECP	42. GVFQYREKAYFCQDRFYHRY
21. GFCPTRADSTVAGNSAGEL	43. YHRYSSRSLLKQVQXGVYT
22. AGELCVFFITLGEYSICT	44. GVTYDLOCPED

Peptide 13.



3/16

Figure 1E



4/16

Figure 2A

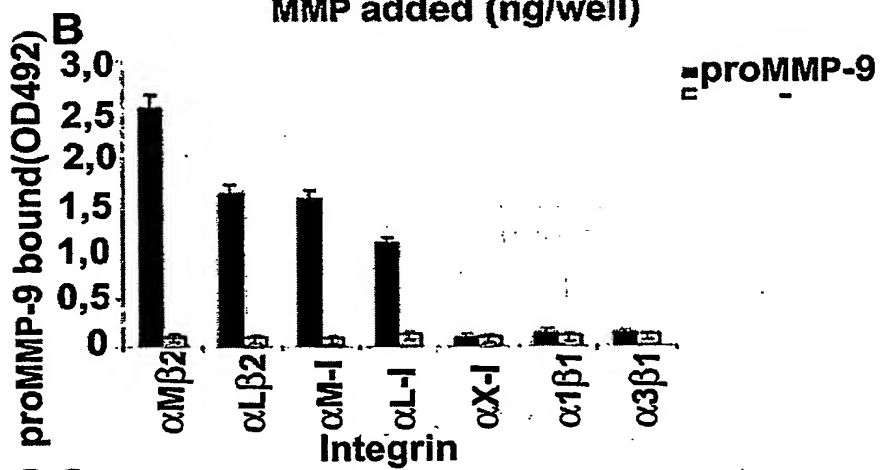
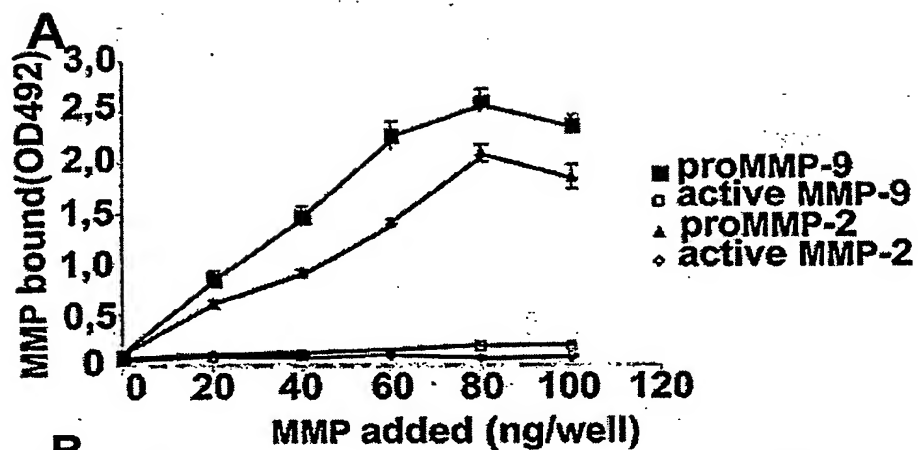


Figure 2B

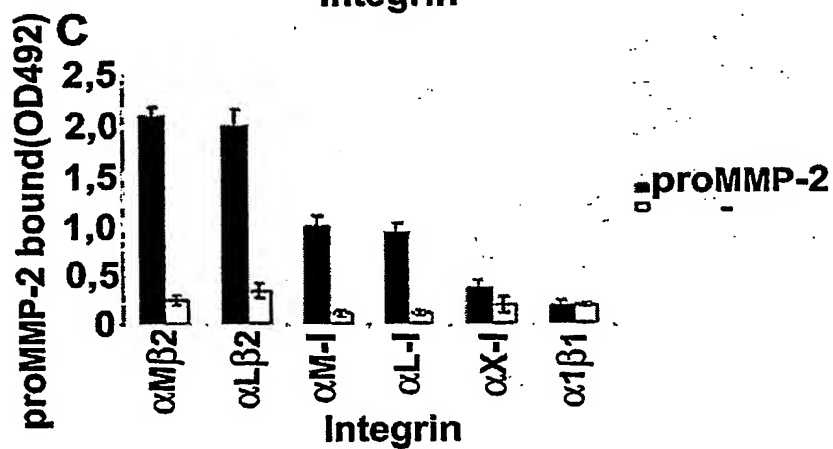


Figure 2C

5/16

Figure 3B

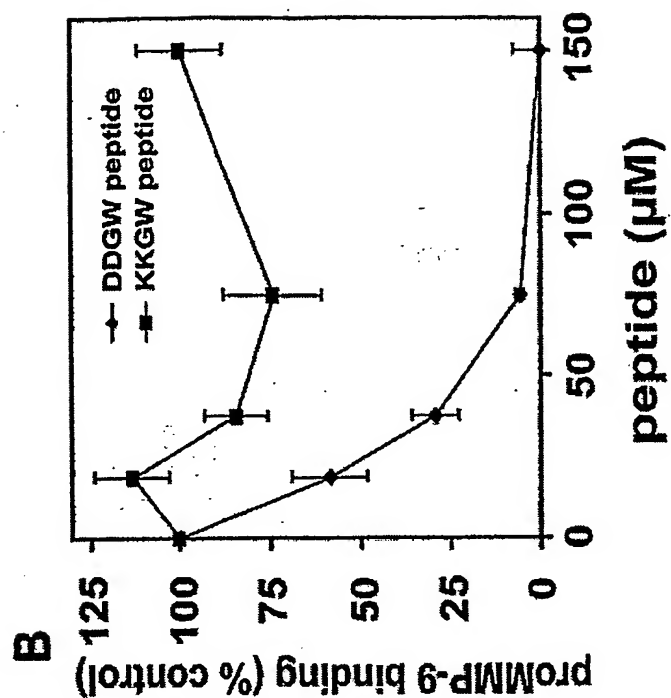
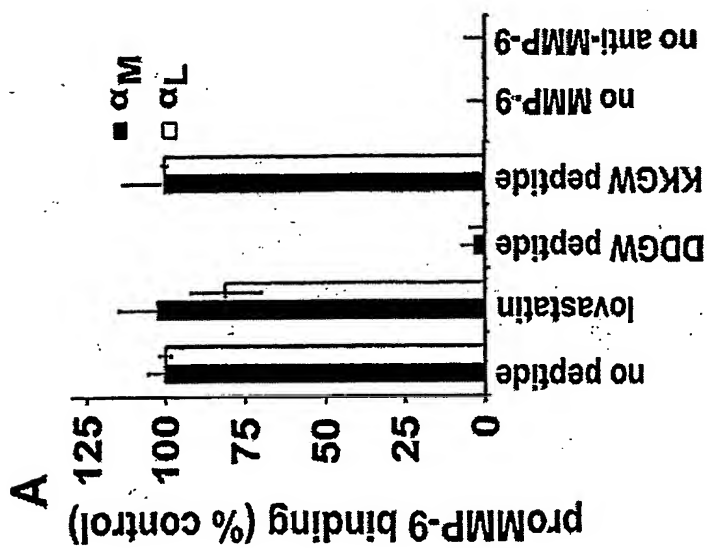


Figure 3A



6/16

Figure 3D

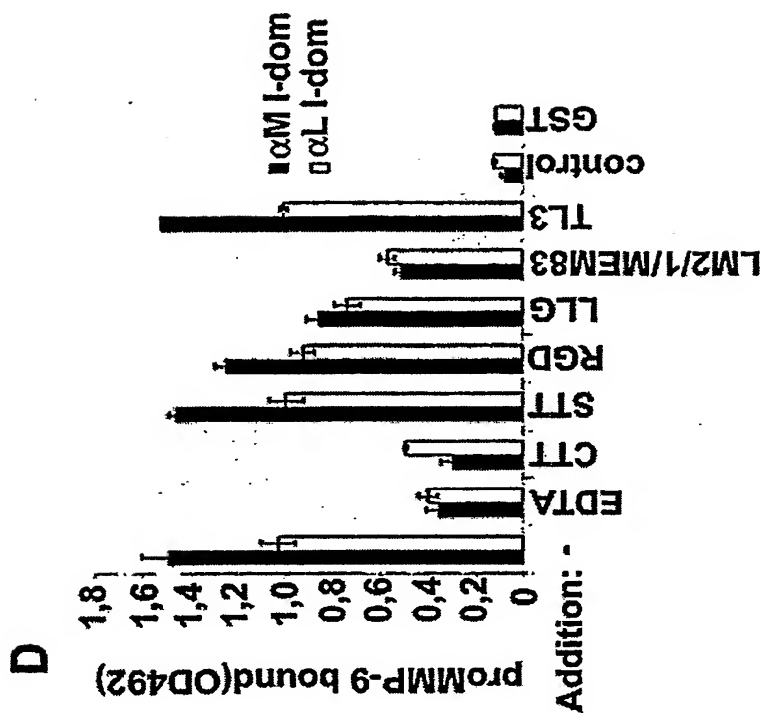
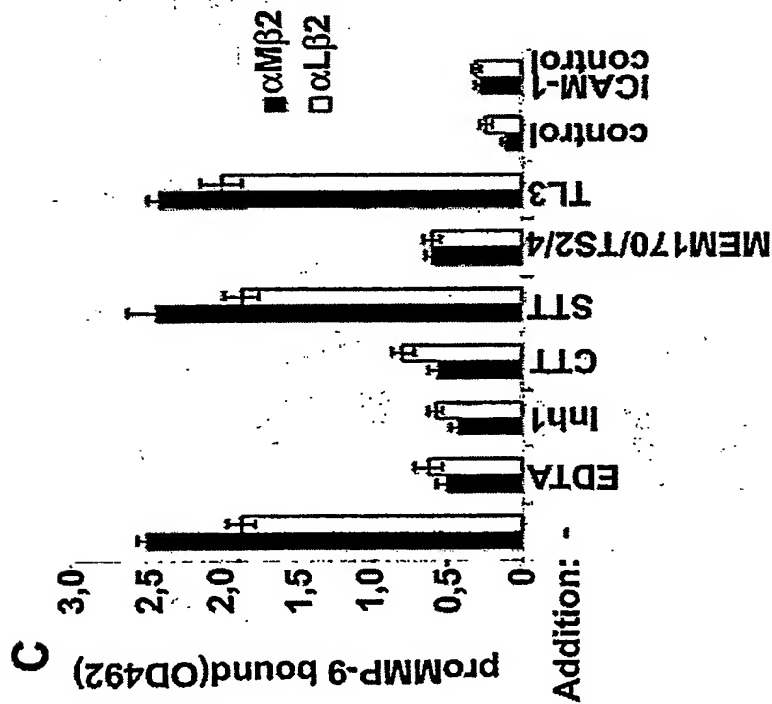


Figure 3C



7/16

Figure 4A

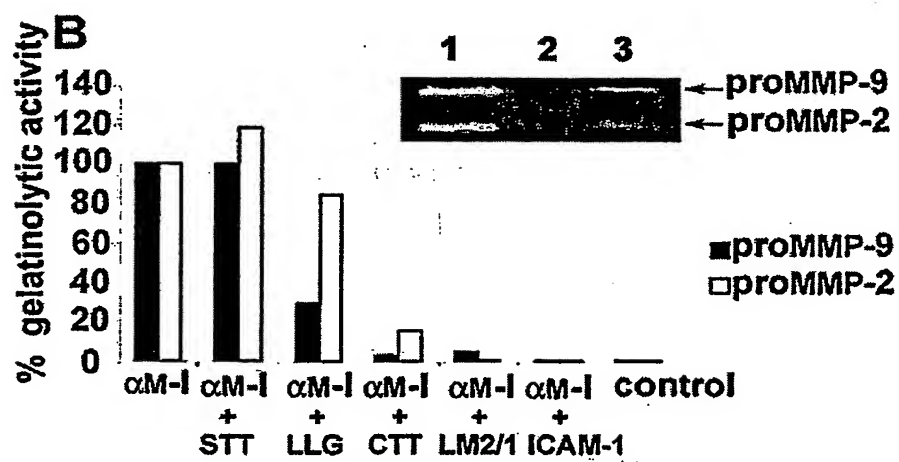
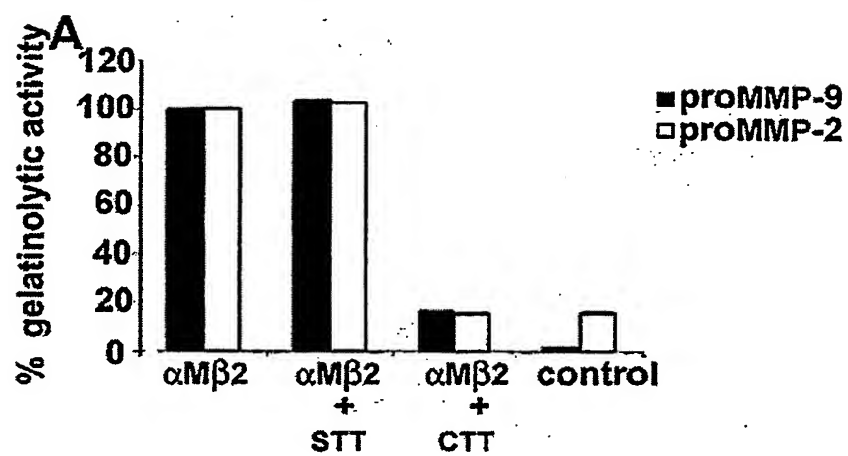
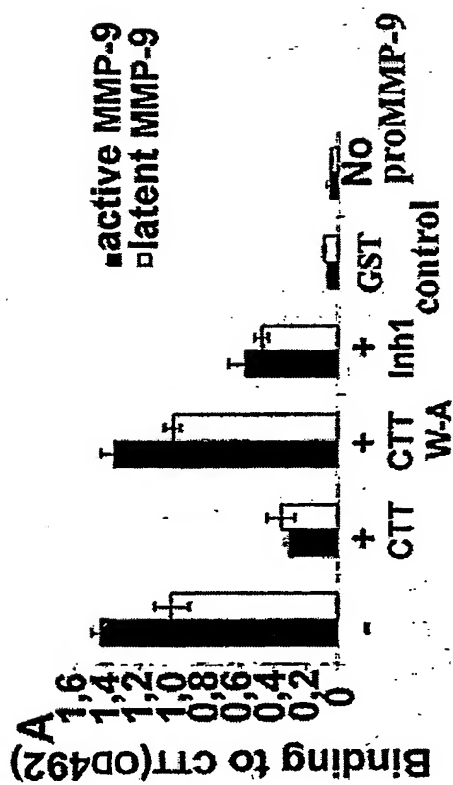


Figure 4B

8/16

Figure 5A



B



Figure 5B

9/16

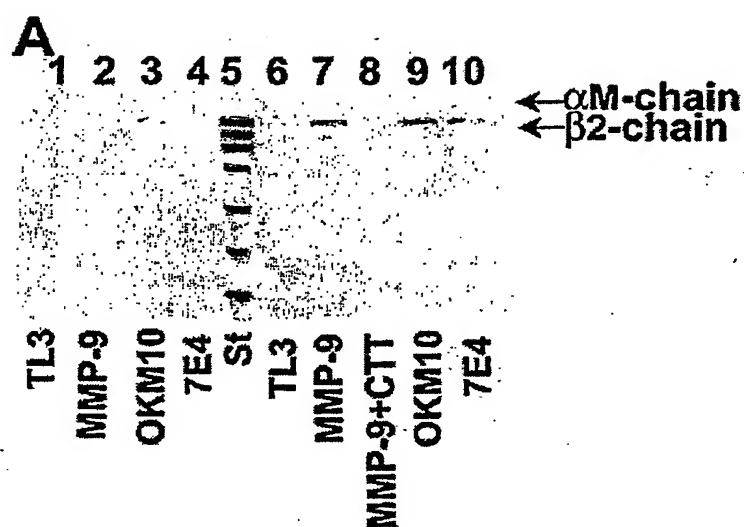


Figure 6A

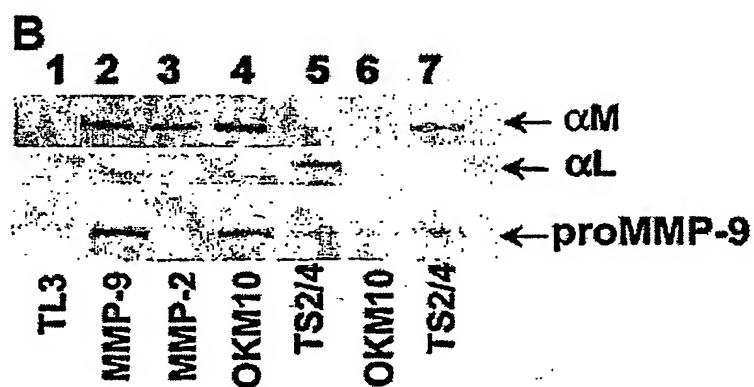


Figure 6B

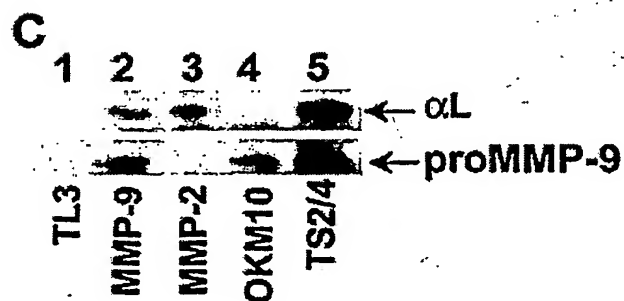
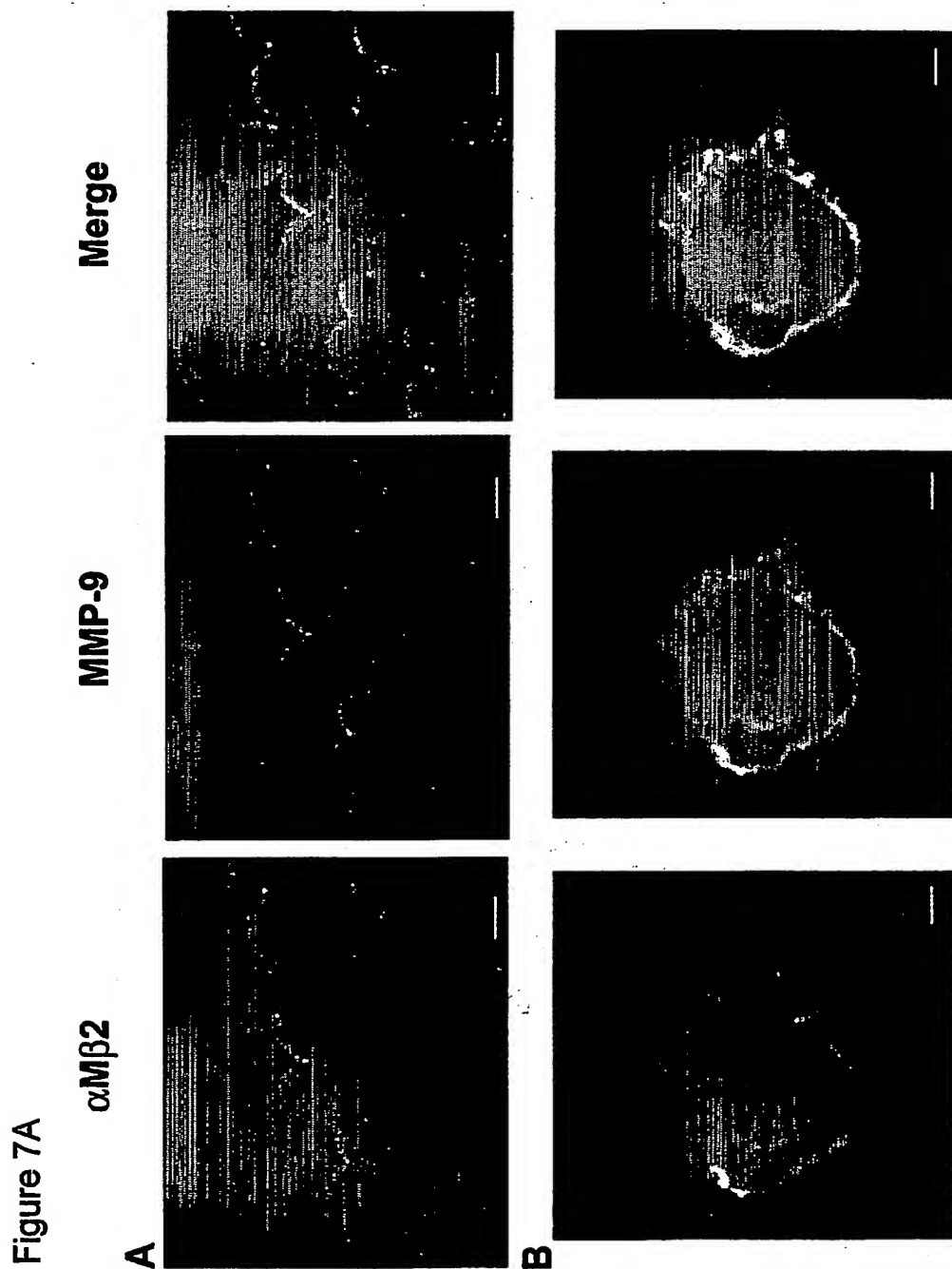
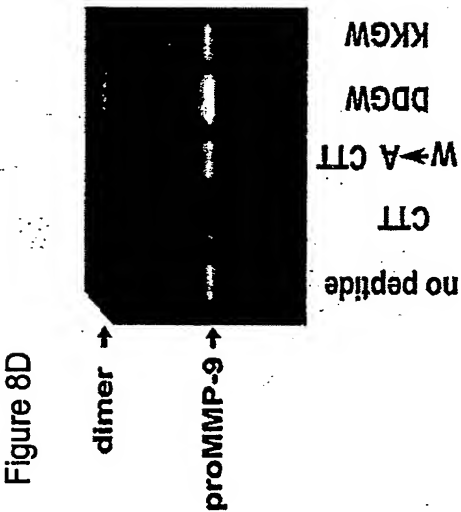
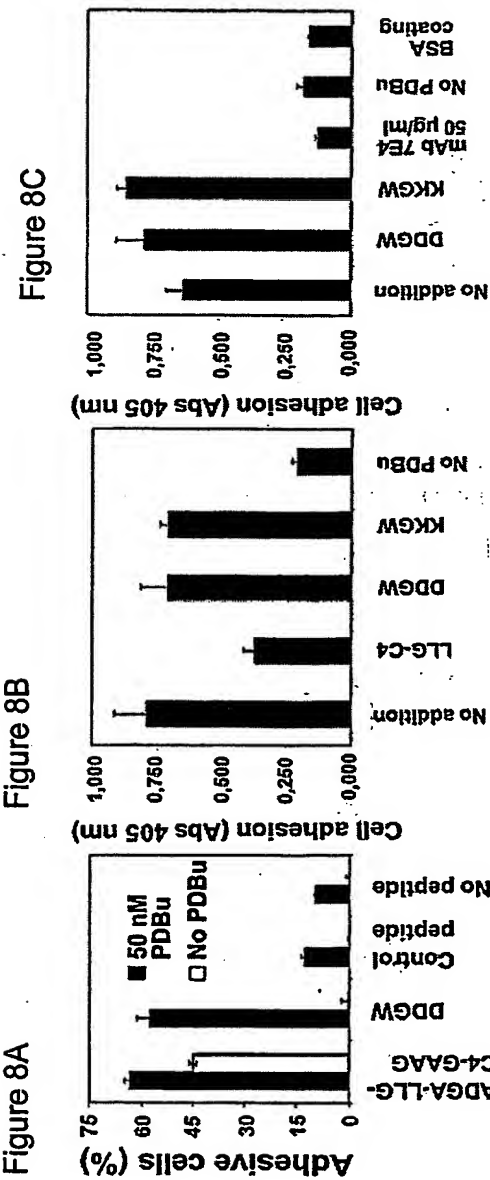


Figure 6C

10/16





12/16

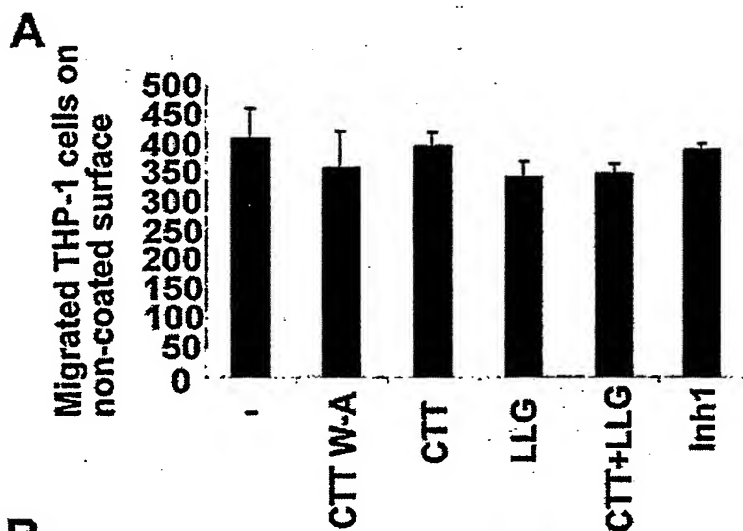


Figure 9A

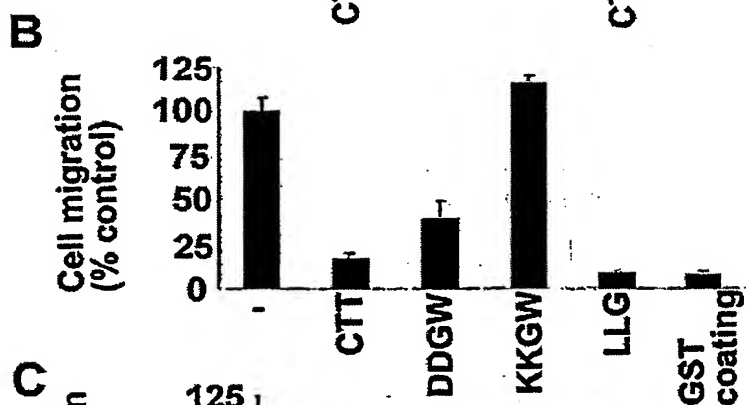


Figure 9B

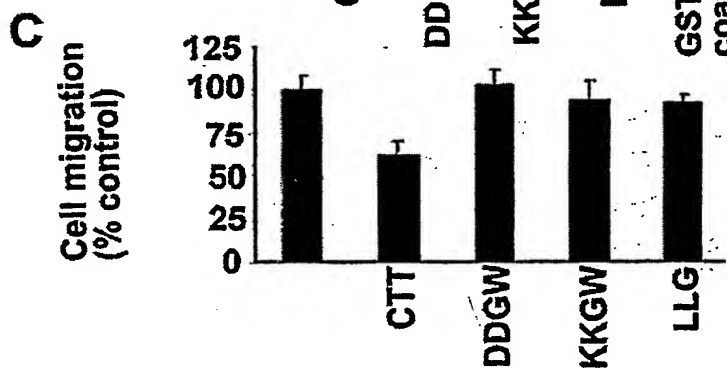


Figure 9C

13/16

Figure 10A

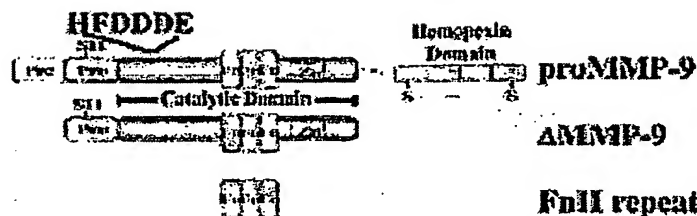


Figure 10B

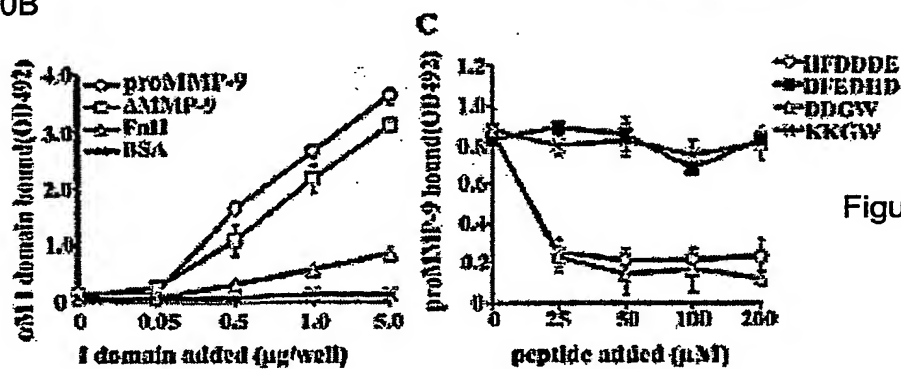


Figure 10C

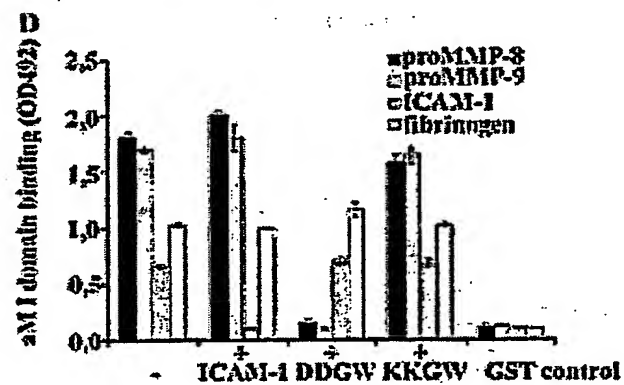


Figure 10D

14/16

Figure 11A

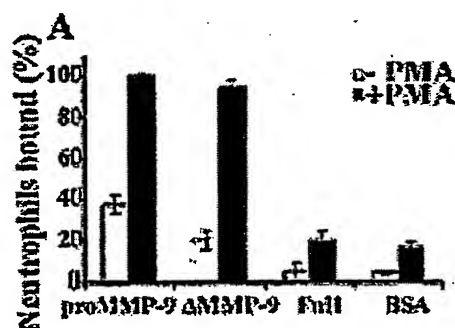


Figure 11B

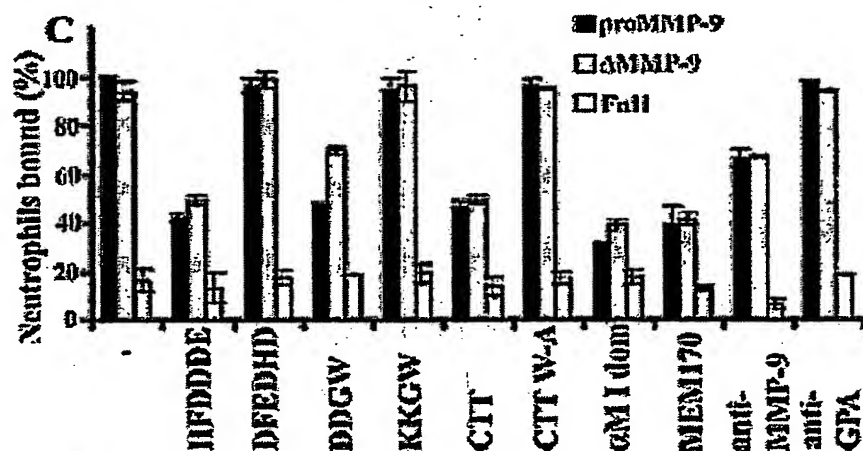
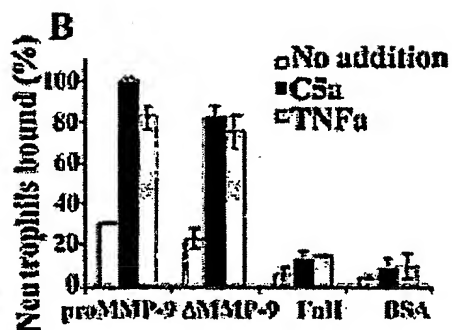


Figure 11C

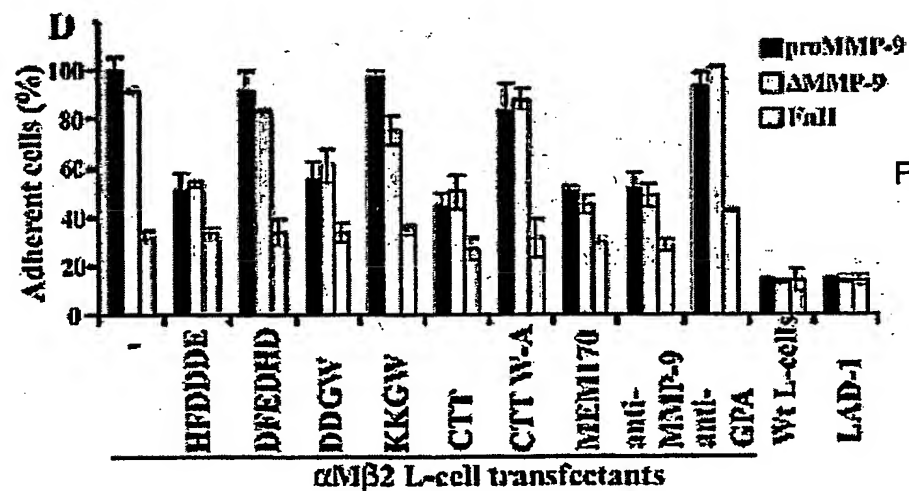


Figure 11D

15/16

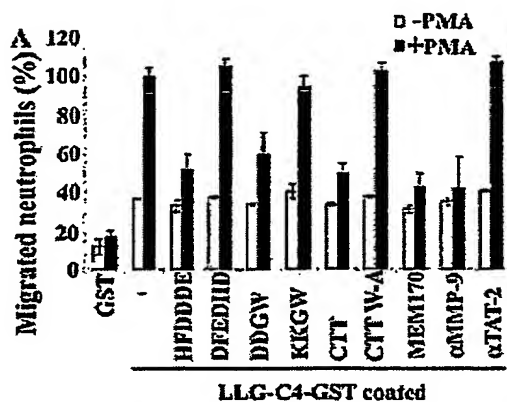


Figure 12A

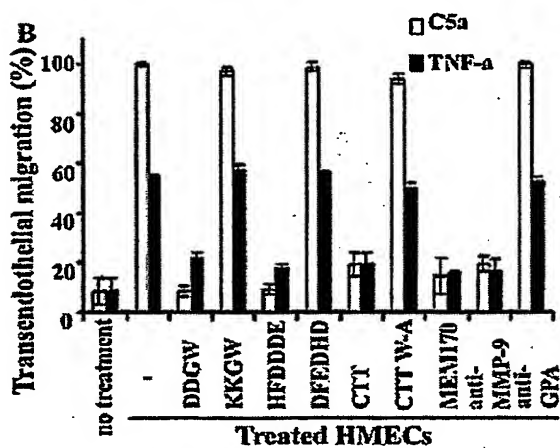


Figure 12B

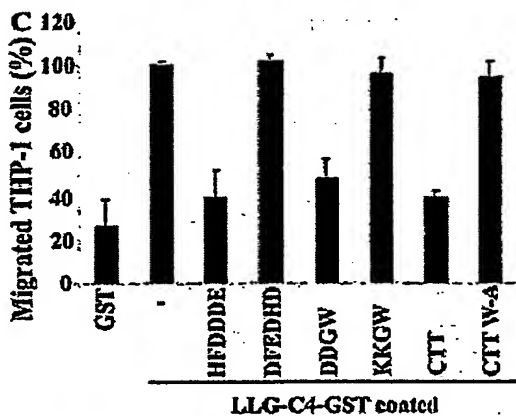


Figure 12C



Figure 12D

16/16

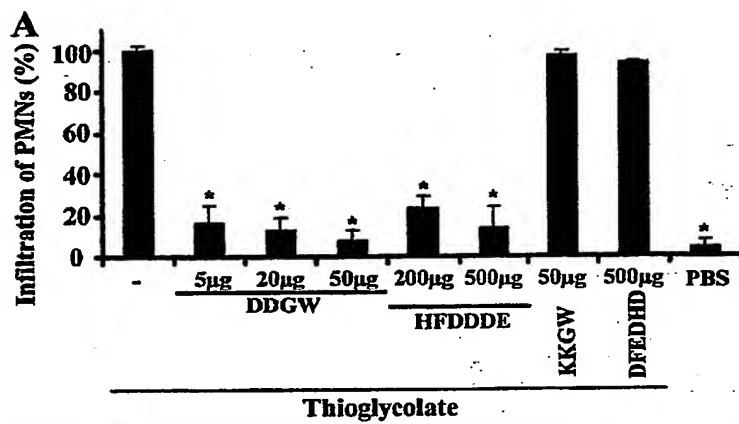


Figure 13A

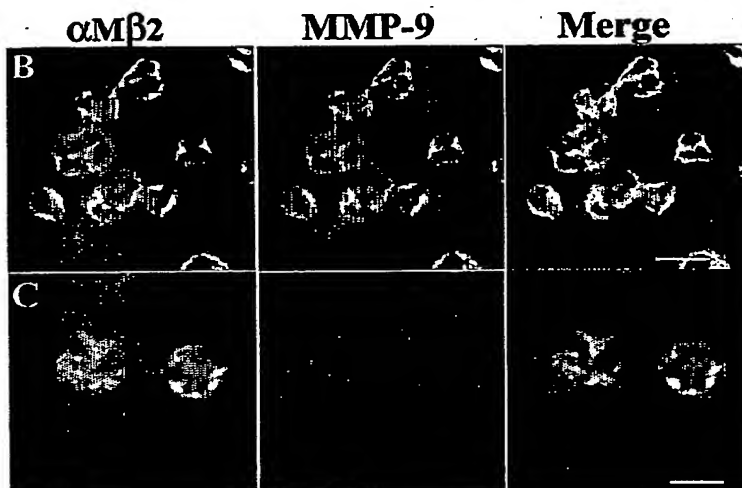


Figure 13B

Figure 13C

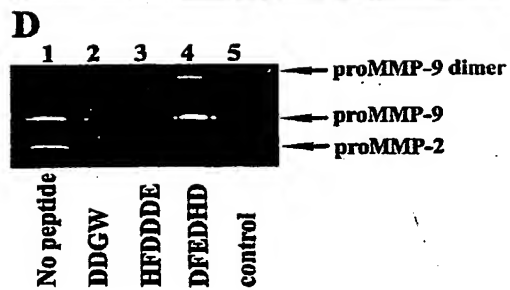


Figure 13D

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ BLACK BORDERS

☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

☐ FADED TEXT OR DRAWING

☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING

☐ SKEWED/SLANTED IMAGES

☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS

☐ GRAY SCALE DOCUMENTS

☐ LINES OR MARKS ON ORIGINAL DOCUMENT

☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.